

Technical Data Sheet : AdvyForm P1330

High Crystallinity Polypropylene

Product Description

The polymer grade is a nucleated homopolymer which features very high crystallinity, outstanding rigidity and high gloss. Selected by customers for the production of stiff injection molded articles where high rigidity is needed. Typical applications include food packaging containers, housewares, small appliances and technical parts.

Information regarding regulatory status, including supported, prohibited, or restricted applications, is provided in the Product Regulatory Summary and the Safety Data Sheet (SDS).

General

Application	Caps & Closures; Furniture; Housewares
Market	Consumer Products; Rigid Packaging
Processing Method	Injection Molding
Attribute	Homopolymer; Medium Flow; Ultra High Stiffness
Internal ref. number	1Q088, BEN6731
Revision	Version 1.1 : June 2026

Properties.

Typical Properties	Nominal		Test Method
	Value ^{*)}	Units	
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ISO 1133-1
Density, (23 °C)	0.9	g/cm ³	ISO 1183-1
Mechanical			
Tensile Modulus	2300	MPa	ISO 527-1, -2
Tensile Stress at Yield	41	MPa	ISO 527-1, -2
Tensile Strain at Break	12	%	ISO 527-1, -2
Tensile Strain at Yield	6	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	2	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature, (A50)	158	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	124	°C	ISO 75B-1, -2
Optical			
Gloss, (60°)	95	%	ASTM D2457

^{*)} These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.



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